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GLADDS

FOR

1950

FEATURING
THE BEST
OF THE
OLD
and
NEW

SMOKYS
A.O.C'S
ARASAN
CERESAN

AMBROSONS

R.F.D. 3, LANSING, MICHIGAN

Members—

Michigan Gladiolus Society
New England Gladiolus Society
North American Gladiolus Council
Southeastern Michigan Gladiolus Society
Michigan Seed Dealers Association

The finest growing season possible was our pleasure this past season. Spring opened early and fall arrived late with ample natural moisture throughout the growing season. Our bulbs are clean and well cured, most of our No. 1's will be Jumbos. All stock is inspected and certified by Michigan Department of Agriculture.

We exhibited at four Michigan shows during the summer, winning two grand championships and numerous other awards.

If exhibition is your wish may we suggest you try White Challenge, C. W. Gannett, Nancy, Spic and Span, Evangeline, Yankee Lass, King Alfred, and Firelight.

For beauty, we recommend Nancy, Firelight, Evangeline, Sparks, Eglantine, Party Dress, Wedgewood. If you like the smoky shades, be sure to try Opechee, Stormy Weather, Oklahoma, and Voodoo.

Recent introductions we liked were Pactolus, Firelight, Nancy, Pocahontus, Opechee, Smyrna, and Uncle Tom.

ORDERS: No orders for less than \$2.00. All shipments postpaid, unless you request collect in which case we will make up the difference in extra count. All orders must be accompanied by remittance in full or 25% cash and balance before shipment. In ordering late, we would appreciate a list of possible substitutions. Shipment usually April 1st. Five percent cash discount for orders over five dollars, ten percent over ten dollars, fifteen percent over twenty. Subtract this from your invoice if you like or we will make this up in extra bulbs and will try and give you something new to try. We are certain you will be pleased.

BULB SIZES

Large—1 1/8 inches diameter and up.

Medium—3/4 inch and up.

Small—under 3/4 inches.

Medium size bulbs will give you good bloom and most small bulbs bloom. Our planting stock is treated with ARASAN, and our bulbs in storage are DDT dusted.

SPECIAL OFFERS

We offer the following collections at substantial savings for those interested in getting a start with some outstanding varieties.

COLOR COLLECTION

SIX large bulbs of each of the following varieties, a total of 66 bulbs for \$4.00, a regular \$6.75 value.

White—Fair Angel

Cream—blotched—Salmon's Glory

Yellow—Mother Kadel

Salmon—King William

Pink—Pink Radiance

Smoky—Beltrami

Scarlet—Algonquin

Deep red—Mansoeur

Lavender—Elizabeth the Queen

Purple—Purple supreme

A.O.C.—Buckeye Bronze

RECENT INTRODUCTION SPECIAL

One large bulb of each of the following ten varieties, for \$4.00, a regular \$6.20 value.

Kawatira

Sparks

White Christmas

Spic & Span

Montpelier

Nancy

Venida

Wedgewood

Storm King

Choctaw

MINIATURE COLLECTION

SIX large bulbs of each of the following small flowering varieties, 48 in all. A regular \$4.20 value for \$2.00.

6—Dainty Miss

6—Fluffy Ruffles

6—Patty Berg

6—Queen of Bremen

6—Ruby

6—Tweedledee

6—White Satin

6—Winter Carnival

Discounts and bonus bulbs do not apply to the above specials. They will be shipped express unless accompanied by additional order. We will substitute only if absolutely necessary and will give bulbs of equal or better value in such case.

HOME GARDENERS PAGE

For those of you who grow glads to have a lovely display for color and beauty in the garden and home, we offer the following list. All are top notch varieties and excellent cut flowers and priced so that you may have a nice stock without too great an investment. To be shipped only via express.

	per 25 large	per 25 medium
FAIR ANGEL, white	1.50	1.25
MARGARET BEATON, white, red throat	1.50	1.25
SNOW PRINCESS, white	1.25	1.00
CORONA, white, rose edge	1.50	1.25
LEADING LADY, cream	1.75	1.50
SALMON'S GLORY, cream, red throat	1.75	1.50
WANDA, deep cream	1.50	1.25
WHITE GOLD, huge cream	1.50	1.25
MOTHER KADEL, yellow	1.50	1.25
SPOTLIGHT, yellow, red throat	1.75	1.50
GENGHIS KAHN, ruffled salmon	2.00	1.75
KING WILLIAM, salmon	1.50	1.25
ALGONQUIN, scarlet	1.50	1.25
VALERIA, soft scarlet	1.75	1.50
BLESSED DAMOSEL, pink	1.75	1.50
PINK RADIANCE, pink	1.50	1.25
MANSOEUR, black red	1.75	1.50
RED CHARM, medium red	1.75	1.50
BURMA, deep rose	2.00	1.75
CHAMOUNY, rose	1.50	1.25
ELIZABETH THE QUEEN, lavender	1.50	1.25
PURPLE SUPREME, purple	1.50	1.25
BOLERO, smoky	1.50	1.25
VAGABOND PRINCE, A.O.C.	1.75	1.50

We also offer a mixture, not labeled as to variety, but containing varieties listed in this catalog at \$4.00 per hundred for large bulbs, \$3.50 per hundred for medium bulbs.

CULTURE

Glads are easy to grow and will bloom under ordinary care. Plant in full sun just as you would corn. Large bulbs should be planted six to eight inches deep. They should be dipped or dusted before planting. Our stock will come to you already treated. We use and recommend ARASAN because of ease in handling. They should be dusted or sprayed at least every two weeks with 5% DDT, starting when plants are six inches high. Don't dig earlier than six weeks after blooming and cut the foliage down to the bulb at once and thoroughly dry. When they are dried out clean off the old roots and bulb and dust with DDT powder and store in a cool place. They should be well ventilated. Following these simple instructions, you should continue to have excellent blooms year after year. Old bulbs do eventually lose their vitality and should be replaced after several years.

MINIATURES AND SMALL

		Large	Medium	Small	Bts.
336	ATOM ----- Hedgecock 46, 80 days Red with silver edge, very nice	.50	.35	.25	10-50
240	DAINTY MISS ----- 41, 80 days Dainty pink, cream throat	4-30	5-25	7-25	50-25
206	FLUFFY RUFFLES ----- Brown 26, 75 days Lacinated, ruffled, light yellow	4-30	5-25	7-25	50-25
220	ITO ----- Brown, 75 days Bright orange & yellow combination	.20	.15	.10	15-25
150	KEWPIE ----- Brown 30, 68 days Red, silver edge	3-30	4-30	5-25	25-25
231	NADIA ----- Leffingwell 37, 90 days Exhibition salmon with yellow throat	.20	.15	.10	15-25
162	PATTY BERG ----- Koerner 42, 90 days Rose suffused white, upright florets	3-30	4-30	5-25	25-25
390	PINOCCHIO ----- Evans 40, 75 days Nice novelty of green, orange & yellow	3-30	4-30	5-25	25-25
266	QUEEN OF BREMEN ----- Zimmer 28, 75 days Lovely lavender, lighter throat, good	4-30	5-25	7-25	50-25
252	RUBY ----- Kuhn 46, 70 days Lovely med. pure red	2-30	3-30	4-25	25-25
262	SILVERSIDES ----- Kuhn 47, 70 days Tints of deep rose, very popular	.50	.35	.20	10-25

		Large	Medium	Small	Bts.
200	STARLET ----- Baerman 44, 70 days Small ruffled white	2-30	3-30	4-25	25-25
150	THOMAS E. WILSON ----- Koerner 42, 78 days Miniature upright red orange & cream	3-30	4-30	5-25	25-25
250	TWEEDLEDEE ----- VanVoorhis 38, 85 days Deep black red, yellow throat	4-30	5-25	7-25	50-25
262	TWEEDLEDUM ----- Van Voorhis 38, 85 days Deep rose red, creamv yellow throat with peppering	4-30	5-25	7-25	50-25
100	WHITE SATIN ----- Koerner 42, 80 days Upright creamy white	3-30	4-30	5-25	25-25
101	WINTER CARNIVAL ----- Koerner 43, 95 days White with rosy edge	3-30	4-30	5-25	25-25

SEED CROSSES

We have harvested a surplus of gladiolus seeds. We are offering only mixed seeds at 50 for 25c. They are hand pollinated and hand sorted. Limit of two packets per customer.

INBRED BULBS

We have a few large bulbs of the following inbreds to be used for breeding. We offer the same for sale at \$1.00 per bulb.

Burma—Burma
Purple Supreme—Purple Supreme
Elanora—Elanora

WHITE

		Large	Medium	Small	Bts.
400	FAIR ANGEL ----- Hatch 42, 85 days Creamy white, waxy florets	2-20	3-20	8-25	25-25
500	FLORENCE NIGHTINGALE ----- Morris 47, 88 days New commercial white	.75	.50	.30	12-75
501	MARGARET BEATON ----- Twomey 37, 85 days Popular white, scarlet throat	3-30	4-25	6-25	25-25
500	MT. KOSCIUSKI ----- Both 47, 77 days Large pure white	.65	.50	.35	15-75
500	SILVER WINGS ----- Ritsema 44, 88 days Ruffled, creamy white	.20	2-30	2-25	25-25

400	SNOWBANK -----	2-25	4-25	6-25	25-25
	Palmer 45, 85 days Heavy textured white				
400	SNOW PRINCESS -----	3-30	4-25	5-25	50-25
	Pfizer 39, 80 days Early commercial, pure white				
500	STRATHNAVER -----	.50	.35	.25	4-25
	Peattie 47, 84 days Pure gleaming white				
500	WHITE CHRISTMAS -----	.50	.35	.25	10-25
	Fischer 48, 85 days Heavily ruffled, creamy white				
500	WHITE GODDESS -----		.75	.50	2-20
	Roberts 48, 80 days Heavily ruffled, white				

CREAM

		Large	Medium	Small	Bts.
507	CORONA -----	3-30	4-25	6-25	25-25
	Palmer 40, 80 days Cream, rose picotee edge				
506	LADY JANE -----	3-30	4-25	6-25	25-25
	Lake 41, 85 days Good commercial cream with yellow throat				
506	LAKE PLACID -----	.25	2-25	3-25	25-25
	Wilson 45, 90 days Cream, yellow throat, very fine				
506	LEADING LADY -----	3-30	4-25	5-25	25-25
	Johnson 42, 87 days Popular cream sport of Picardy				
506	ORIENTAL PEARL -----	.20	.15	.10	25-25
	Carlson 46, 85 days Largest cream				
507	SALMON'S GLORY -----	2-25	4-25	6-25	25-25
	Salmon 47, 80 days Striking red throated European				
507	SPARKS -----	.35	.25	2-25	10-25
	Glass 47, 95 days Deep cream, flame blotch, one of the best				
406	WANDA -----	3-30	4-25	6-25	25-25
	Snyder 41, 83 days Deep cream, commercial				
506	WHITE GOLD -----	3-30	4-25	6-25	25-25
	Scheer 41, 70 days Extra large early cream				

YELLOW

		Large	Medium	Small	Bts.
410	CRINKLECREAM ----- Ellis 40, 80 days Good ruffled light yellow	.15	2-26	3-25	25-25
410	CLEAM ----- Fischer 46, 77 days Waxy, heavily ruffled light yellow	.25	.15	.10	15-25
410	GOLDEN DRAGON ----- Snyder 47, 85 days Very tall, deep yellow	.50	.35	.25	20-50
512	GOLDEN STATE ----- Wheeler 42, 90 days Late medium yellow	.25	.20	.15	20-25
412	KLONDIKE ----- Snyder 47, 75 days Deep golden yellow self	.75	.50	.35	10-50
410	LANCELOT ----- Snyder 49, 75 days Clear light yellow, deeper throat	2.00	1.50	1.00	10-1.60
310	MOTHER KADEL ----- Kadel 41, 77 days Early mid-season pure yellow commercial	3-30	4-30	5-25	25-25
410	OREGON GOLD ----- Majeski 41, 110 days Late light yellow	3-30	4-25	6-25	25-25
413	SPOTLIGHT ----- Palmer 44, 80 days Deep yellow, red throat blotch	2-30	4-30	6-25	25-25

BUFF

		Large	Medium	Small	Bts.
416	GLENOLDEN ----- Wilson 46, 85 days Clear chamois, buff throat	.75	.50	.35	5-25
516	KAWATIRA ----- Pupich 47, 85 days Giant creamy buff	.80	.60	.40	.10
416	PACTOLUS ----- K & M 47, 80 days Buff yellow, scarlet blotch, showy	1.75	1.25	.80	2-45
416	PATROL ----- Palmer 46, 77 days Exhibition clear orange buff	.35	.25	2-25	10-25
416	SUNLIGHT ----- Spiller 46, 87 days Vivid yellow buff	.35	.25	2-40	10-25
417	SUNSPOT ----- Roberts 45, 80 days Exhibition apricot buff, rose throat	.75	.50	.30	3-30
416	SUSQUEHANNA ----- Herridge 43, 90 days Lovely peach buff, cream throat	2-25	4-25	6-25	25-25

ORANGE

		Large	Medium	Small	Bts.
521	DAISY MAE _____	2-30	3-30	5-30	25-25
	Lins 45, 90 days				
	Deep orange pink, cherry throat blotch				
524	CHIEF PONTIAC _____	2.00	1.50	1.00	10-1.60
	Snyder 48, 85 days				
	Bright smooth orange scarlet				
521	BUTTERSCOTCH _____	.75	.50	.25	4-25
	Langworthy 48, 90 days				
	Exhibition light orange				
522	TUNIA'S DELIGHT _____	.75	.50	.35	4-30
	Both 47, 80 days				
	Huge orange, blue margin				

SALMON

		Large	Medium	Small	Bts.
432	GENGHIS KAHN _____	2-25	4-25	6-25	25-25
	Scheer 41, 80 days				
	Heavily ruffled salmon pink				
532	KING ALFRED _____	.25	.20	2-25	20-25
	Hobbs 45, 75 days				
	Big, tall deep salmon, cream throat				
430	KING WILLIAM _____	3-30	4-25	6-25	25-25
	Schenetsky 40. 85 days				
	Commercial salmon, cream throat				
532	MARION PEARL _____	.30	.20	.15	20-25
	Benedict 42, 85 days				
	Clear salmon pink, lighter throat				
432	SPIC & SPAN _____	.80	.70	.60	.10
	Carlson 46, 80 days				
	Ruffled exhibition salmon, tops				
430	VICTORY QUEEN _____	.25	.20	2-25	20-25
	Wilson 45, 95 days				
	Vivid light salmon, cream throat				

SCARLET

		Large	Medium	Small	Bts.
536	ALGONQUIN _____	3-25	4-25	6-25	25-25
	Palmer 39, 80 days				
	Good reliable, pointed petals				
536	RED PLUSH _____	2-25	4-25	6-25	25-25
	Baerman 43, 70 days				
	Early bright scarlet				
436	VALERIA _____	3-25	4-25	6-25	50-25
	Pruitt 38, 85 days				
	Good commercial, excellent soft color				
436	WAR PAINT _____	1.00	.75	.50	4-25
	Kadel 47, 90 days				
	New exhibition, fine				
536	FIRELIGHT _____	1.50	1.00	.75	10-75
	Kelley 49, 85 days				
	Beautiful clear color, deeper throat				

PINK

		Large	Medium	Small	Bts.
440	BEAUTY'S BLUSH ----- Fischer 47, 85 days Tall, sparkling blush pink	.20	.15	2-20	20-25
440	BLESSED DAMOSEL ----- Baerman 44, 95 days Late shell pink	2-30	4-30	6-25	25-25
543	CHERRY JAM ----- Zimmer 43, 80 days Deep pink, cherry blotch	2-25	4-25	6-25	25-25
540	EGLANTINE ----- Scheer 43, 85 days Ruffled pure pink, exhibition	1.50	1.00	.75	2-35
441	LIPSTICK ----- Ballentine 41, 90 days Good light pink, rose blotch	2-30	3-30	4-25	20-25
440	MONTPELIER ----- Hatch 47, 85 days Tall, ruffled rose pink	.35	.25	2-25	15-25
440	PHANTOM BEAUTY ----- Bastian 47, 85 days Exhibition pale pink	.60	.40	.30	10-50
442	PINK CHARM ----- LaSalle 46, 80 days Watermelon pink, deeper throat	.25	.15	.10	15-25
440	PINK RADIANCE ----- Quackenbush 41, 85 days Good commercial pink	3-25	4-25	6-26	25-25
441	PARTY DRESS ----- LaSalle 48, 85 days Watermelon pink, deeper throat, good	1.00	.75	.50	2-25
440	YANKEE LASS ----- Schenetsky 46, 87 days Clear pink self, exhibition, many open	1.50	1.00	.50	6-90

RED

		Large	Medium	Small	Bts.
454	MANSOEUR ----- Salmon 47, 82 days Good European black red	2-25	3-25	4-25	20-25
452	NANCY ----- Arnett 49, 88 days Rose red, one of the very best	.50	.35	.25	10-50
552	POINCIANA ----- Snyder 48, 80 days Rosy toned red, deeper throat	1.50	1.00	.75	10-1.20
452	RED CHARM ----- Butt 39, 85 days Still one of the best	2-20	3-20	6-25	25-25

454	VELVET MANTLE -----	Large 1.00	Medium .75	Small .50	Bts. 4-25
	Fischer 49, 85 days				
	Black red, easy grower, many open				
550	INTRUDER -----	.35	.25	2-25	20-25
	Graff 44, 90 days				
	Flame red exhibition				

ROSE

562	BURMA -----	Large 2-25	Medium 3-25	Small 6-25	Bts. 25-25
	Palmer 43, 88 days				
	Ruffled deep rose, beautiful				
360	CHAMOUNY -----	3-25	4-25	6-25	50-25
	Baerman 38, 85 days				
	Rose edged silver				
560	EVANGELINE -----	2.50	1.50	1.00	2-40
	Palmer 48, 92 days				
	Light rose, cream yellow throat				
462	FUSCHIA BELLE -----	.75	.50	.35	5-25
	Alemy 45, 85 days				
	Clear red purple				
460	VENIDA -----	1.00	.75	.50	.10
	Milo 47, 88 days				
	Medium rose, creamy throat, exhibition				
460	POCAHONTUS -----		1.00	.75	2-25
	Wilson 48, 85 days				
	Love'y shade of old rose				

LAVENDER

566	ELIZABETH THE QUEEN -----	Large 4-25	Medium 6-25	Small 8-25	Bts. 50-25
	White 41, 86 days				
	Best low priced lavender				
566	PATRICIAN -----	3.00	2.00	1.50	5-1.00
	Scheer 47, 87 days				
	Claimed the coming lavender, sometimes flecks				
366	PEGGY -----	.75	.50	.25	5-25
	West 43, 80 days				
	Clear color, plain petaled				
366	WEDGEWOOD -----	.35	.25	.15	10-25
	Fischer 47, 80 days				
	Most beautiful small flowered one				
466	GAY LADY -----	.40	.25	2-25	10-35
	Burns 49				
	Lilac mauve with white blotch				

PURPLE

470	PURPLE SUPREME -----	Large 3-25	Medium 4-25	Small 6-25	Bts. 25-25
	Wilson 42, 85 days				
	Most satisfactory commercial or exhibition				

BLUE

		Large 2-30	Medium 3-30	Small 4-25	Bts. 15-25
378	ABU HASSEN ----- K & M 47, 90 days Very dark blue				
478	BLUE LAGOON ----- Snyder 46, 70 days Medium deep blue	.75	.50	.35	10-50
476	SILVER GULL ----- K & M 47, 90 days Light blue grey, cream throat	.25	2-35	2-25	15-25

SMOKY

		Large	Medium	Small	Bts.
583	ADAGIO ----- Burns 49, 80 days Blue smoky with bronze feather			1.25	.35
580	ATTU ----- Hedgecock, 85 days Smooth chocolate red	.35	.25	2-25	5-25
580	AUTUMN LEAF ----- Howell 49, 80 days Shades of yellow and brown			2.00	.50
480	BELTRAMI ----- Lins 43, 85 days Smoky rose, blooms well	3-25	4-25	8-25	50-25
582	BOLERO ----- Leffingwell 41, 85 days Ruffled smoky orange, orange brown blotch, nice	2-25	4-25	8-25	50-25
482	BRONZE KING ----- Rich 46, 95 days Bronze with orange blotch	.50	.40	.30	6-25
482	BRONZEWING ----- Errey 39, 85 days Orange salmon slate blend, crimson and yellow throat	.20	3-30	5-25	25-25
486	BUSHFIRE ----- Pupich 47, 85 days Huge smoky old rose	1.25	1.00	.60	10-50
586	CAROLINE W. GANNETT ----- Chamberlain 39, 108 days Smoky salmon, dark rose throat, exhibition	.30	2-40	2-30	10-25
480	CHIEF MULTNOMAH ----- Ellis 35, 85 days Mauve purple with bronze throat	2-30	3-30	4-25	25-25
486	DUSTY MILLER ----- Elliot 45, 85 days Commercial smoky red, scarlet feather	.20	2-30	3-25	25-25

		Large	Medium	Small	Bts.
480	EILEEN ALANAH ----- Toon 40, 85 days Clear steel grey shading to orient pink		.30	.20	10-25
586	FLYING FORTRESS ----- Wilson 43, 93 days Lavender grey, red blotch, huge	.30	.20	3-25	10-25
480	GRAY WONDER ----- Hatch 45, 80 days Light grey with pronounced darker grey edging	2-30	3-30	5-25	25-25
486	GREY WINGS ----- Errey 49, 85 days Winged florets, grey over pink	2-30	3-30	4-25	25-25
582	HIGH FINANCE ----- Wilson 40, 95 days Orange grey cream throat, rolled petals	3-30	4-25	5-25	25-25
582	HONOLULU ----- Wilson 45, 95 days Brick brown, strong grower	.60	.40	.20	10-25
480	INTREPID ----- Jack 37, 89 days Slate salmon, many open	3-30	4-30	5-25	25-25
480	IEKA ----- Tuttle 36, 80 days Big dusty pink, red blotch	3-25	5-25	8-25	50-25
436	INDIAN SUMMER ----- Langworthy 49, 90 days Blending of orange purple, grey overlay, red feather	.75	.50	.35	3-25
586	IRAK ----- Mitsch 37, 90 days Silver grey	3-25	5-25	8-25	50-25
480	MACUSHLA ----- Toon 49 New attractive grey	1.00	.75	.50	
580	MAPLE LEAF ----- Pletcher 46, 70 days Huge rusty brown	.60	.40	.25	.10
586	MISTAYA ----- Ketch 47, 90 days Grey sport of R.B., vigorous	.40	.30	.20	10-25
580	MISTY DAWN ----- Rich 41, 95 days Bluish salmon, smoky orange blotch, big	2-25	4-25	5-25	50-25
480	MRS. MacARTHUR ----- Hatch 43, 79 days Salmon rose with blue edge, nice	2-25	3-25	4-25	25-25

486	OPECHEE	1.50	1.25	1.00	
	Sonafrank 49, 90 days				
	New exhibition, soft shaded smoky				
386	OKLAHOMA	.35	.25	.15	10-25
	Wilson 45, 90 days				
	Ruffled light grey with apricot throat				
486	PASTEL	.20	.15	.10	20-25
	Both 42, 90 days				
	Very pretty velvety rose gray				
586	PERSIAN BEAUTY	.75	.50	.35	10-60
	Knierim 48, 90 days				
	Sport of R.B. lilac,				
	blending to rose taupe				
480	RECADO	2-25	4-25	5-25	50-25
	Palmer 37, 90 days				
	Smoky lavender grey with				
	salmon flecking				
480	ROLLA	2-30	3-30	4-30	25-25
	Kaylor 45, 80 days				
	Reddish purple with orange overcast				
486	SANDMAN	2-25	4-25	6-25	25-25
	Butt 41, 85 days				
	Popular smoky rose shading				
	to white throat				
580	SIWASH	2-25	3-25	5-25	25-25
	Jack 39, 100 days				
	Salmon violet smoky				
486	SKYLINE	.25	2-25	3-25	15-25
	Wilson 43, 85 days				
	Silver grey, apricot buff throat				
584	STORM KING	.25	.20	2-25	20-25
	Errey 48, 85 days				
	Dusty pink overlaid grey,				
	crimson throat				
480	STORMY WEATHER	1.50	1.00	.75	4-25
	Barrett 47, 82 days				
	Pastel pink & salmon, very beautiful				
380	SUSAN	3-25	3-20	5-25	25-25
	Webster 38, 80 days				
	Yellowish brown, red peppering				
	in throat				
480	TECUMSEH	2.25	3-25	4-25	25-25
	Palmer 41, 95 days				
	Needlepoint smoky salmon, ruffled				
585	TUNIA'S ARISTOCRAT		2.25	1.50	.40
	Both 49, 90 days				
	Dusty pink, cerise blotch				
586	TUNIA'S MAHOMET	.25	2-30	3-30	20-25
	Both 43, 75 days				
	Giant smoky plum				

		Large	Medium	Small	Bts.
482	UHU -----	.35	.25	.15	10-25
	K & M 85 days				
	Dusty brown purple with yellow stripes				
486	VOODOO -----	.35	.25	2-30	10-25
	Kadel 44, 80 days				
	Ruffled smoky purple, apricot throat				
486	WAMPUM -----	3-25	4-25	6-25	25-25
	Winsor 38, 90 days				
	Deep smoky rose blending to large cream throat				
582	WAHOO -----		1.50	1.00	
	Wilson 49, 70 days				
	Big smoky orange with red orange blotch				
481	XERXES -----	3-30	4-25	6-25	25-25
	Mitsch 40, 75 days				
	Buff yellow smoky, darker throat				
480	ZOMBIE -----	.50	.35	.25	10-40
	Kuhn 46, 85 days				
	Grey smoked violet salmon, black blotch				
484	ZUNI -----	3-30	4-25	6-25	25-25
	Mitsch 37, 95 days				
	Smoky old rose, apricot-red lined throat				
480	TWILIGHT DREAM -----	.30	.20	.15	10-25
	Hinsker 42, 85 days				
	Rose tan and cream blend				
	ANY OTHER COLOR				
590	BIG SMOKE -----	.60	.40	.25	10-25
	Hatch 45, 80 days				
	Smoky plum. darker throat blotch				
591	BILL BOTH -----	.25	.20	2-25	15-25
	Both 45, 80 days				
	Ruffled velvet brown with red throat				
490	BUCKEYE BRONZE -----	3-25	3-20	5-25	25-25
	Wilson 42, 90 days				
	Ruffled rose bronze, popular				
591	BRAZIL -----	.75	.50	.25	5-20
	Grout 47, 85 days				
	Deep salmon with bluish overcast				
390	CANDY FUDGE -----	.50	.35	.25	10-50
	Kreig 48, 75 days				
	Blend of white, pink and yellow				
491	CHOCTAW -----	1.50	1.00	.75	10-1.00
	Wilson 48, 85 days				
	Chocolate, overcast orange, orange red blotch				

490	DE GRYSAARD -----		1.00	.75	10-1.00
	Hoek 48, 80 days				
	Grey & black, orange stripes				
491	GAY LALLY -----	1.25	.90	.60	.15
	Toon 49, 80 days				
	Hermosa pink, flushed deep rose, purple blotch				
491	HULA HULA -----	1.50	1.00	.75	10-1.00
	Wilson 47, 85 days				
	Precise deep grey with rose red throat				
490	JACKPOT -----	.50	.25	.25	10-50
	Wilson 43, 90 days				
	Ruffled plum				
590	KEITH -----	.50	.35	.25	3-20
	Pratt 46, 80 days				
	Golden bronze, carmine throat, huge florets				
590	KING TAN -----	2-25	3-25	5-25	20-25
	Wilson 41, 85 days				
	Exhibition smoky tan				
590	MARINES OF GUADALCANAL -----	3-25	3-20	5-25	50-25
	Hatch 78 days				
	Giant tan smoky buff				
590	R. B. -----	3-30	4-25	5-25	50-25
	Upton 40, 90 days				
	Smoky bronze, huge florets				
490	ROBINSON CRUSOE -----	.50	.35	.25	20-50
	Lins 44, 76 days				
	Tan, evenly flecked chocolate, dark throat				
490	SAHARA -----	3-25	3-20	6-25	50-25
	Palmer 35, 85 days				
	Russet brown, consistent				
390	SERGEANT DON -----	.35	.25	.20	10-25
	Both 49				
	Autumn shades, primilus superba				
390	SMYRNA -----	.35	.25	.20	10-25
	K & M 49, 90 days				
	Fuschia purple veining on buff yellow ground				
591	SOUTH SEAS -----	2.00	1.50	1.00	10-1.00
	Wilson 47, 100 days				
	Light orange grey, orange and yellow blotch				
490	STANLEY -----	3-25	3-20	5-25	50-25
	Hatch 45, 85 days				
	Brown Mother Machree, prettier				

490	STRIPES _____	3-25	3-20	5-25	50-25
	Hatch, 84 days				
	Light pink striped dark pink, novelty				
590	TONY _____	.60	.40	.25	6-30
	Wilson 45, 90 days				
	Light chocolate with orange blotch, cream edge				
590	TUNIA'S ATOMIC BURST _____	1.50	1.00	.75	.20
	Both 48, 85 days				
	Huge bronze red, smoky overcast				
590	TUNIA'S ELITE _____	.75	.50	.35	3-25
	Both 47, 80 days				
	Giant bronze orange, red throat mark				
590	UNCLE TOM _____		.50	.35	4-25
	Salmon 49, 90 days				
	Glistening brown red				
391	VAGABOND PRINCE _____	3-30	3-20	3-15	50-20
	Palmer 34, 80 days				
	Bright brown velvet, scarlet blotch				
490	WILD TIGER _____	.75	.50	.35	5-25
	C. M. Evans 49, 80 days				
	Reddish orange with brown stripes				
490	ZANZIBAR _____	.30	.20	.15	10-25
	Wilson 43, 110 days				
	Huge plant, smoky salmon				

The GLADIOLUS is easy to grow and responds well to man's efforts. DDT and similar chemical derivatives are giving thrips a hard time. Diseases are now our number one enemy.

Diseases most active in the field are:

Fungous Diseases—Fusarium Yellows, Basal Dry Rot, Botrytis, Stemphylium Leaf Blight (Red Spot), Sclerotinia Dry Rot, Septoria Leaf Spot, Septoria corm Rot.

Bacterial Diseases—Scab.

Virus Diseases—Mild Mosaic, White Break Mosaic.

Diseases of undetermined cause—Ink Spot.

Diseases most active in storage are:

Fungous Diseases—Fusarium Dry Rot, Penicillium Rot.

FUSARIUM YELLOWS is one of the major field diseases of gladiolus. This disease has been responsible more than any other factor, for the virtual disappearance from the recent catalog list of many excellent varieties, because of their susceptibility to it. It is caused by a soil invading fungus, can continue to and thru storage, reaches its maximum destructiveness in dry seasons with abnormally high soil temperatures.

(1) Effective control thru growing resistant varieties. Some of these are Fair Angel, King Click, King Lear, Lake Placid, Maid of Orleand, Purple Supreme, Snow Princess, and White Gold.

(2) Sanitation, which includes clean stocks, rotation of ground, careful handling, burning of residues, rapid drying and storage.

(3) Use of protective corm treatment.

SCLEROTINIA DRY ROT is common and in wet seasons may increase to serious proportions. Both a field and storage problem and is most prevalent in heavy soils. Rapid and thorough curing of the corms after harvest will prevent development in storage. Rotation, sanitation and chemical corm treatments are other controls.

BOTRYTIS infected corms should never be planted. Where suspicious, treat the corms as recommended for control of other corm-borne organisms. Corm treatments, in conjunction with crop rotation, usually provide effective control of **SCAB**. Likewise, **BACTERIAL BLIGHT**. Roguing is best to reduce **VIRUS DISEASES**, the insect vector still being searched for. Corm treatments also are a benefit in control of **INK SPOT**.

FUSARIUM DRY ROT causes a brown dry rot of the corm the same as fusarium yellows, other than that they differ. Picardy and it's progeny are very susceptible to dry rot while resistant to yellows. A pre-planting dip with Ceresan has been standard, together with other cultural and sanitary practices. **PENICILLIUM DRY ROT** is controlled by rapid drying after harvest and good storage conditions. We recommend **ARASAN** dusting before storing.

One of the best treatments that may be applied to the dormant corms after cleaning them, to help prevent the rotting that occurs between the time of digging and planting is **DUPONT'S ARASAN**, 30 parts, parzate 10 parts, and 5% **DDT** 60 parts by weight.

PRE-PLANTING TREATMENTS. New Improved **CERESAN** at the rate of 1 pound for 50 gallons of water with a fifteen minute dip is standard. Add a little Dreft as wetting agent. Four pounds **DUPONT'S TERSAN** in 50 gallons of water plus wetting agent, stir while treating for five minutes—is especially recommended for **BOTRYTIS** control. One half teaspoon of **DUPONT'S ARASAN** dust will treat a hundred bulbs. **ARASAN SF** a little stronger product, of the same, that goes into solution. **ARASAN** is not poisonous.

DUPONT'S ARASAN, 8 oz.	\$.80
DUPONT'S ARASAN, 4 lb.	5.16
DUPONT'S ARASAN SF, 25 lb.	45.00
DUPONT'S ARASAN SF, 100 lbs.	172.50
DUPONT'S TERSAN, 8 oz.80
DUPONT'S TERSAN, 4 lb.	5.16
DUPONT'S N. IMP. CERESAN, 1 lb.	1.00
DUPONT'S N. IMP. CERESAN, 4 lbs.	3.00
DUPONT'S N. IMP. CERESAN, 25 lb.	20.00
DUPONT'S CERESAN M, 14 oz.	1.00
DUPONT'S CERESAN M, 3 lb.	2.65
DUPONT'S CERESAN M, 40 lb.	28.75

All Seed Treatments F.O.B. Lansing. We will bill you for postage or ship freight or express collect.

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